

If you have trouble starting or keeping your MTA-4 Monster Truck running, here's a quick checklist of what to look for first.

| Description | Problem | Solution |
|----------------------------|--------------------------------------|--|
| Engine will not start | Out of fuel | Fill fuel tank |
| | Contaminated fuel | Replace fuel |
| | Glow plug igniter not charged | Charge glow igniter |
| | Glow plug bad | Replace glow plug, see "Glow Plug Problems" section below. |
| | Fuel not getting to carburetor | Open and close fuel tank lid twice. |
| | Engine flooded | See "Flooding" section below. |
| | Engine overheating..... | Allow engine to cool, richen fuel mixture, see "Fuel Mixture" section below. |
| | Carburetor incorrectly adjusted..... | Re-adjust carburetor, see "Fuel Mixture" or "Factory Carburetor Settings" section below. |
| | Exhaust blocked | Check exhaust, remove blockage. |
| Engine starts, then stalls | Air cleaner blocked | Check air cleaner, remove blockage. |
| | Idle speed set to low..... | Adjust idle speed screw, see "Fuel Mixture" section below. |
| | Air bubbles in fuel line..... | Check for leaks in fuel line |
| Starter rope will not pull | Glow plug is fouled..... | Replace glow plug, see "Glow Plug Problems" Section below. |
| | Engine is flooded..... | See "Flooding" section below. |
| | Engine is seized..... | Examine engine for damage |

Glow Plug Problems.

The glow plug in your engine must be replaced periodically to maintain peak performance and easy starting. Most starting problems or erratic performance can be traced back to the glow plug. The easiest way to check for a faulty glow plug is to simply install a new one and see if the problem is corrected.

However, to test the glow plug, remove the glow plug from the cylinder head with a 5/16" nut



driver (make sure there is no dirt on top of the head which could fall into the engine. Do not lose the copper gasket which seals the glow plug.)

Connect the glow plug to the glow igniter. All of the coils should glow bright white. Sometimes, the first few coils will not glow, while the rest are bright orange. This indicates a bad glow plug or low igniter battery. Try recharging the igniter, or replacing the glow plug.

Flooding

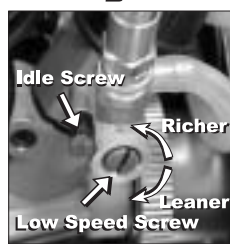
Symptoms of a flooded engine include difficulty in starting, muffled sounds coming from the exhaust, pull starter won't operate, and excess fuel draining from the exhaust outlet. Remove the glow plug with a 5/16" nut driver and also

remove the air cleaner. Turn the truck upside down and pull the starter a couple of times to drain the excess fuel out of the engine and carburetor. Re-install the glow plug and try starting again.

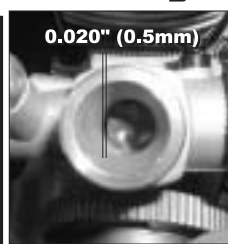
Fuel Mixture

The fuel mixture is controlled by three different adjustments on the carburetor, and should come preset from the factory (see photos below). Your engine should start and run slightly rich with these settings (rich is good for break-in). Tuning Tip: Always make sure you can see some exhaust smoke coming out of the exhaust outlet during operation. This is a good sign that enough fuel is getting to the engine.

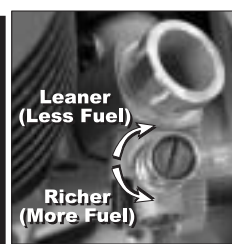
Factory Carburetor Settings.



Low speed mixture
6 1/2 turns out
Clockwise=Leaner
Counterclockwise-Richer



Idle speed:
.020" (.5mm)
Adjust Idle Screw until
.5mm is obtained.

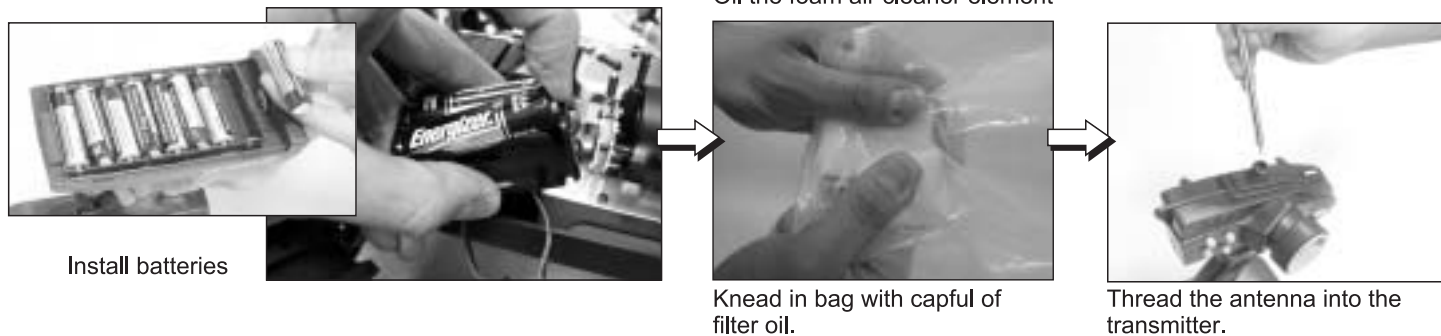


High speed mixture:
2 3/4 turns out
Clockwise = Leaner
Counterclockwise-Richer

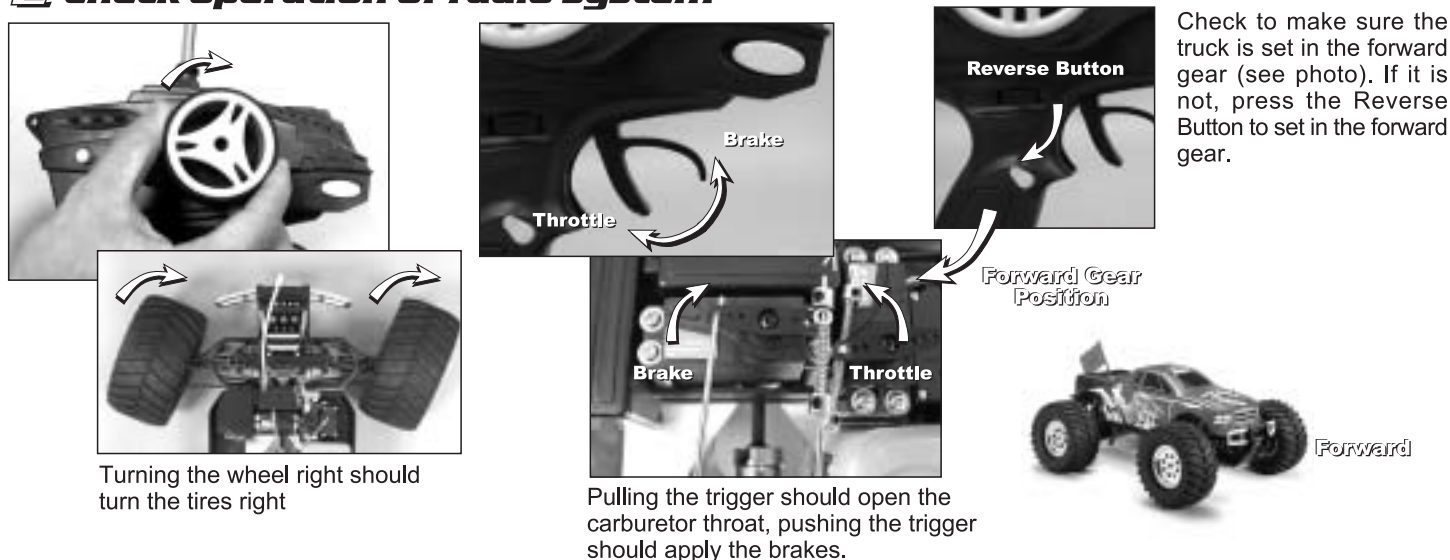
Note:

Before you start running your factory assembled Monster GT, review your instruction manual and this quick-start sheet.

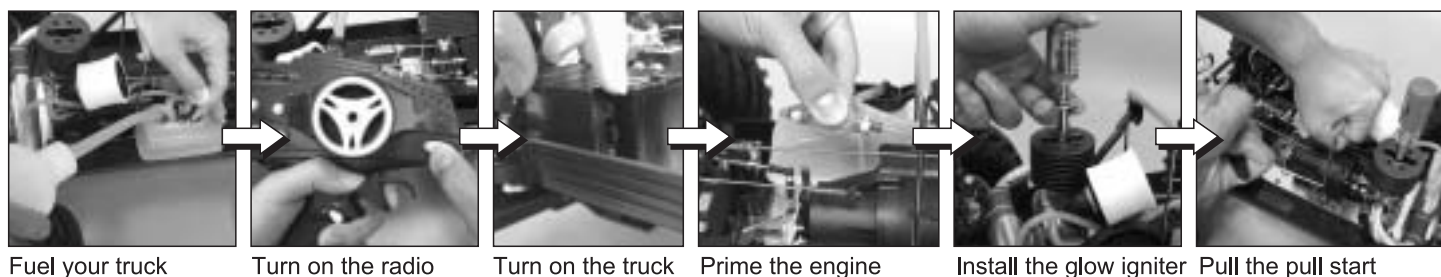
1 Prepare your truck for operation.



2 Check operation of radio system



3 Prepare to start your truck



4 Stopping your truck



Always stop the engine before you turn the radio switches off. You can stop the engine by pinching the fuel line leading to the carburetor. Do NOT try to stop the engine by plugging the exhaust outlet or by stopping the flywheel with your finger or thumb.

Have problems?
Check our
QUICK TROUBLESHOOTING GUIDE
on the next page!